



Memorandum

To: Honorable Mayor Maso and Members of the Frisco City Council

cc: George Purefoy, City Manager
Cissy Sylo, P.E., Director of Engineering Services
Elizabeth Metting, P.E., Asst. Director/City Engineer

From: Alyssa Sanders, Engineer In Training

Date: November 4, 2008

Subject: Consider and act upon authorization for the City Manager to execute Change Order No. 3 to the Standard Form Agreement for Construction Services by and between the City of Frisco and Rebcon, Inc. for the construction of Wade Plaza Regional Detention Pond

Action Requested: City Council consideration and approval of authorization for the City Manager to execute Change Order No. 3 to the Standard Form Agreement for Construction Services by and between the City of Frisco and Rebcon, Inc. of Dallas, Texas, in the amount of \$4,500.00 for the construction of Wade Plaza Regional Detention Pond.

Background Information: Wade Pond is a regional detention facility and is designed to collect runoff from neighboring properties. Its secondary purpose is to provide an aesthetically pleasing water feature adjacent to the hike and bike trail located near the City of Frisco Athletic Center. City Council awarded the bid for the construction of Wade Plaza Regional Detention Pond to Rebcon, Inc. at the August 7, 2007 meeting. The original contract included the construction of a retention/detention pond, culverts and associated paving, drainage, pond features and irrigation system. The cost of the original contract was \$1,221,470.00.

Change Order No.1 was approved by City Council on February 19, 2008. The costs associated with Change Order No.1 total \$94,436.80, increasing the contract amount to \$1,315,906.80 and addressed three items, which included the cost to excavate rock and construct a clay liner, additional erosion control measures, and a design change to revise culvert locations in order to avoid a franchise utility conflict.

Change Order No.2 was approved by City Council on September 2, 2008. The costs associated with Change Order No. 2 total \$140,522.00, increasing the contract

amount to \$1,456,428.80 and included field changes and quantity over/under runs for the project. These items included the culvert modifications, a voltage booster, pavement removal and replacement, 1 inch PVC line, sidewalk and guardrail.

Change Order No. 3 includes a 1 inch backflow stabilizer and stamped concrete pad. The exact height of the lake level stabilizer control outlet was not specified during the design phase. In order to comply with Texas Commission on Environmental Quality (TCEQ) regulations, the outlet must be located above the 100-year water surface elevation and a backflow preventer must be installed to ensure potable water will not be contaminated. As it was currently designed, the outlet was located below the required elevation. The stamped concrete pad was added to alleviate any erosion that will occur from the outfall. The additional cost for these items is \$4,500.00.

Items	Amount
1" Backflow Preventer	\$1,650.00
Stamped Concrete Pad	\$2,850.00
Net Total Change	\$4,500.00

The net change for all items included in Change Order No. 3 totals \$4,500.00. The Approval of Change Order No. 3 increases the contract amount to \$1,460,928.80.

Alternatives: City Council could consider the following alternatives:

- Authorize the City Manager to execute Change Order No. 3 to the Standard Form Agreement for Construction Services by and between the City of Frisco and Rebcon, Inc.;
- Deny approval and send back to staff with direction.

Financial Considerations: Execution of Change Order No. 3 increases the total cost of the Contract by \$4,500.00, to an amount of \$1,460,928.80. Staff recommends that the costs associated with Change Order No. 3 be funded by the 2004 General Obligation Bonds.

Legal Review: Not Applicable.

Supporting Documents: Supporting documents include the following items:

- Project Location Map;
- Copy of Change Order No. 3.

Agenda Memorandum
Change Order No. 3 – Rebcon, Inc.
Wade Plaza Regional Detention Pond
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Staff Recommendation: Staff recommends placement of this item on the November 4, 2008 City Council meeting agenda to consider and approve the authorization for the City Manager to execute Change Order No. 3 to the Standard Form Agreement for Construction Services by and between the City of Frisco and Rebcon, Inc. of Dallas, Texas, in the amount of \$4,500.00 for the construction of Wade Plaza Regional Detention Pond. Staff will be present at the meeting to address the City Council's questions relating to this agenda item.